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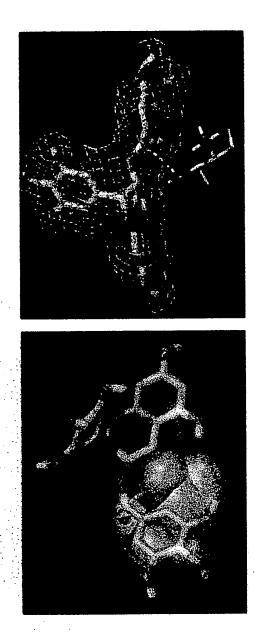
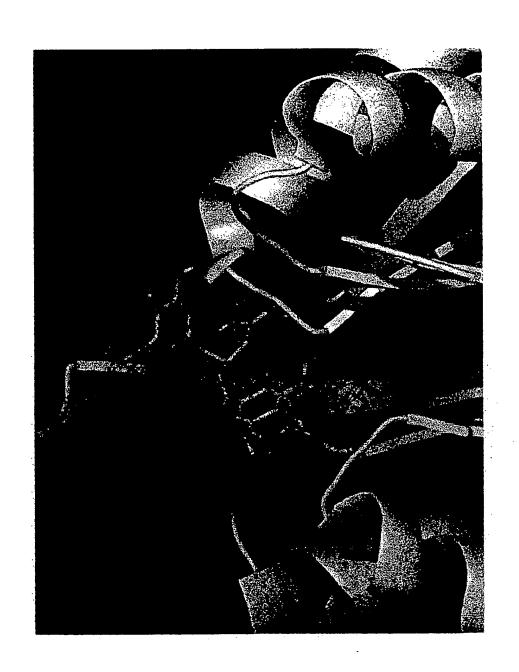


FIG. 2A

FIG. 2B



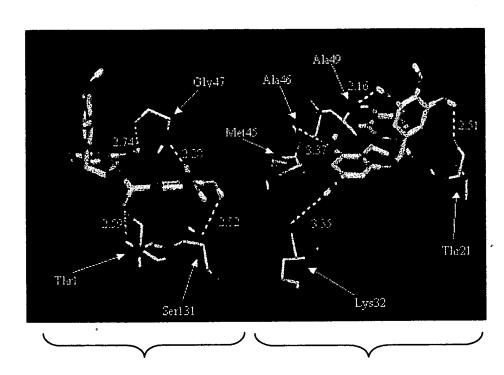


FIG. 2D

FIG. 2E

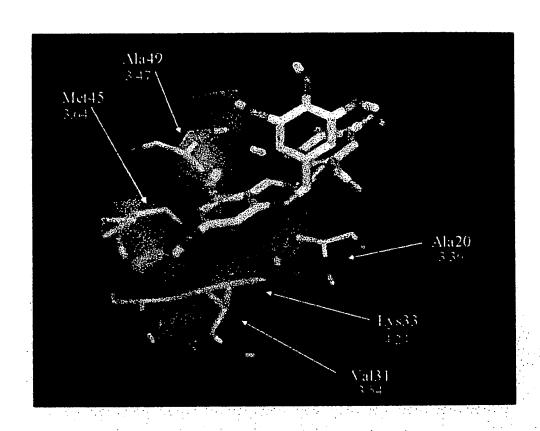


FIG. 2F

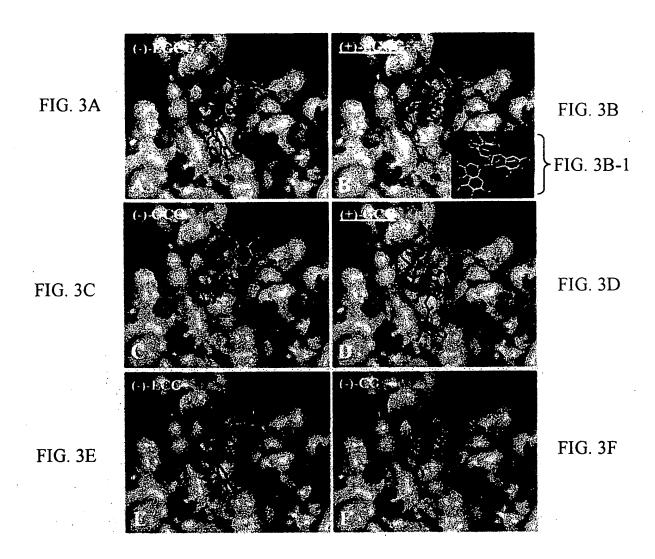
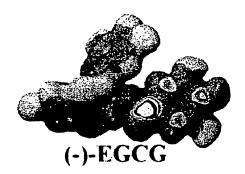


FIG.3G

FIG.3H



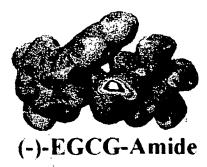
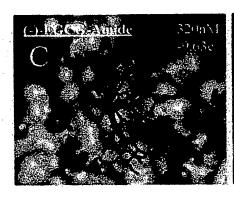


FIG. 4A

FIG. 4B



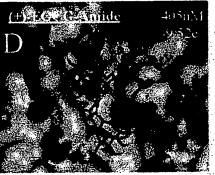
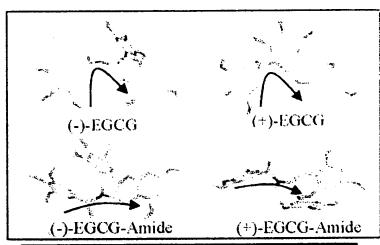


FIG. 4C

FIG. 4D

FIG. 4E



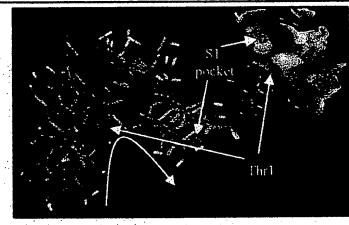


FIG. 4F

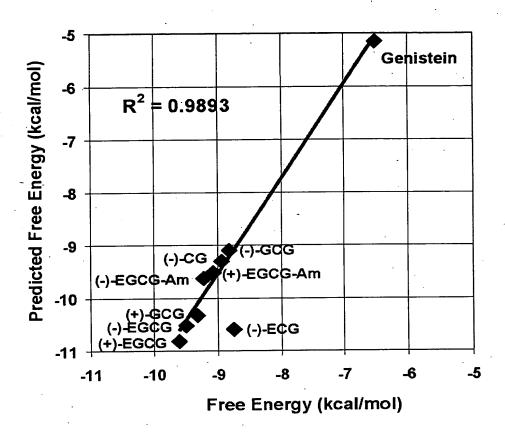


FIG. 5

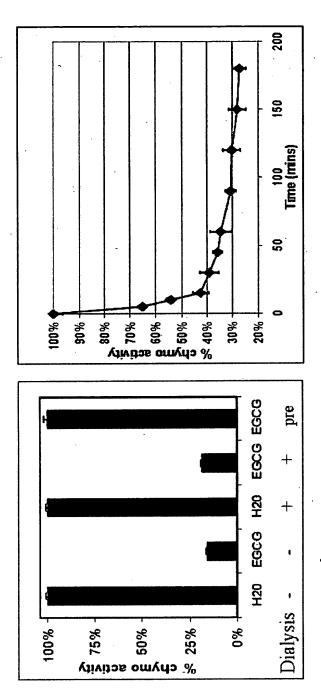
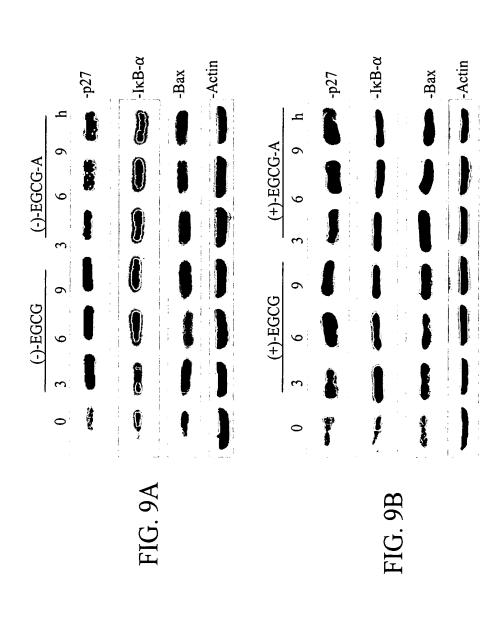
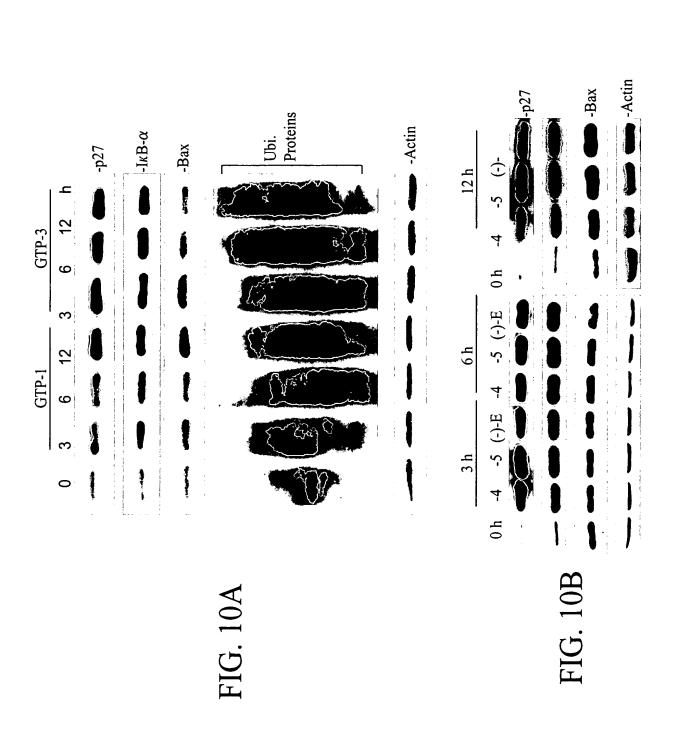
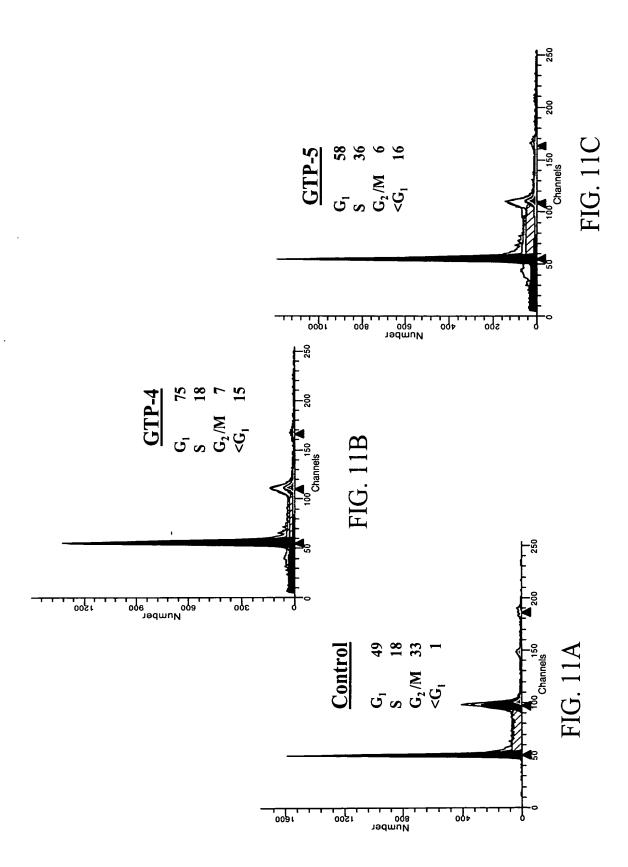


FIG. 6

FIG 7







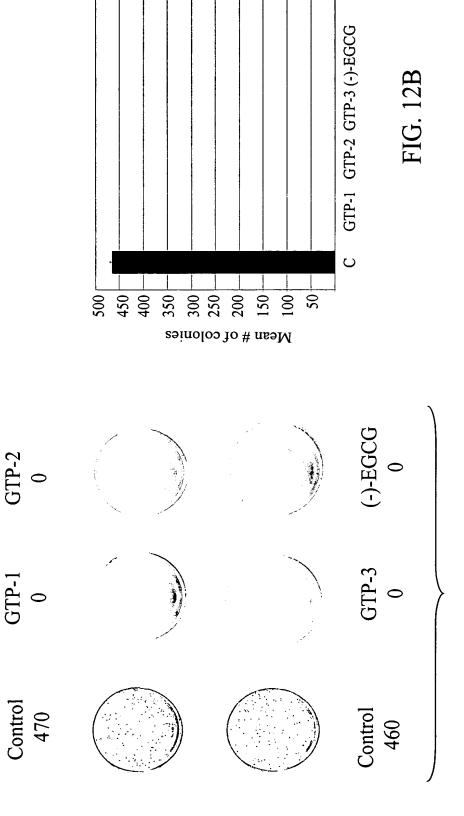
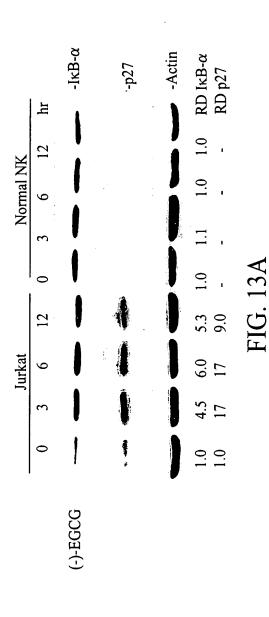
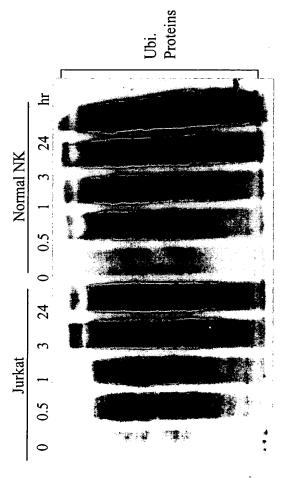


FIG. 12A



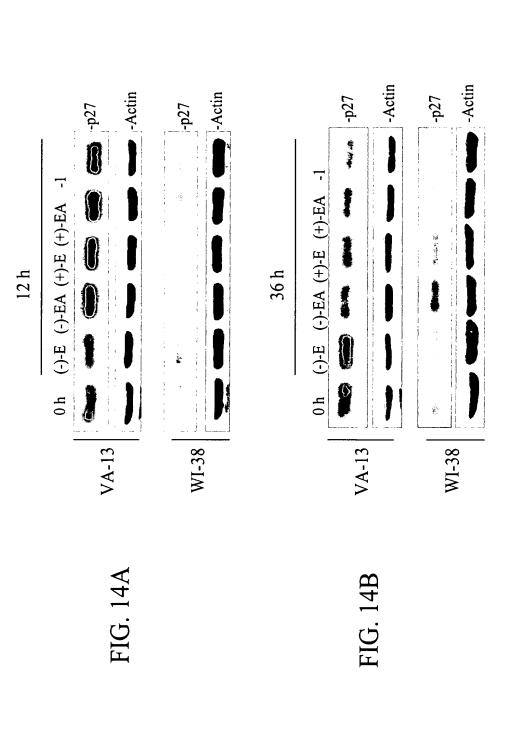
ı	-ΙκΒ-α	-Actin	ΙκΒ-α	
þ			8	
12		9	6.0	
9	J		1.2	
3			1.2	
0		1	1.0	3B
12	1			FIG 13B
9			8.1	Ţ
3			6.3	
0	:		1.0	
	(-)-EGCG-A			
	0 3 6	9	0 3 6 12 0 3 6 12 h	0 3 6 12 0 3 6 12 h  1.0 6.3 8.1 7.3 1.0 1.2 1.2 0.9 R

FIG. 13E



LLL

FIG. 13C



Bn-(+)-Epigallocatechin gallate [Bn-(+)-EGCG]

FIG. 15

FIG. 16A

T

C

LLaL (-)-EGCG (+)-EGCG Ba-(+) (-)-GCG (+)-GCG

FIG. 16B

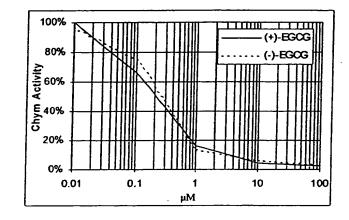


FIG. 16C

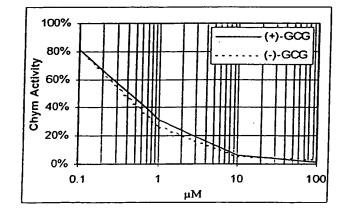


FIG. 17A

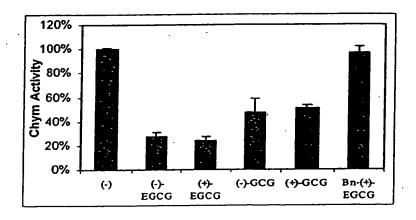


FIG. 17B

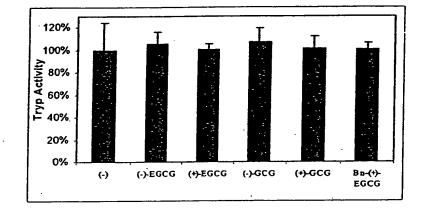
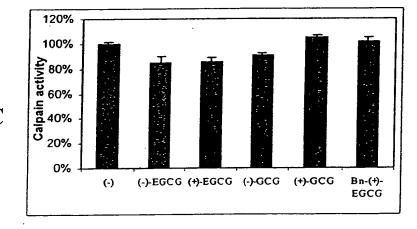


FIG. 17C



Jurkat

DDD DD DD

PDD DD DD

-p27

-IκB-α

1 2.7 3.5 4.2 3.7 -p27 RD

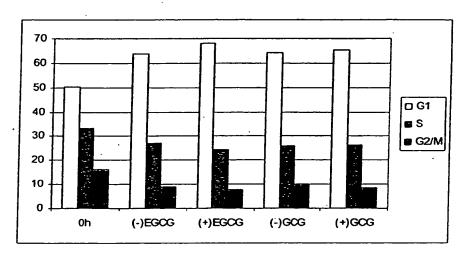
1 2.1 3.1 2.5 3.3 -Iκb-α RD

FIG. 18A

		NCaP			_
H <sub>2</sub> 0	(-)-EGCG	(+)-EGCG	909-(-)	(+)-GCG	
-					-p27
<b>4</b>			•		-Ικb-α
					-Actin
1	3.1	3.1	3.2	5.8 -	p27 RD
1	2.7	2.6	3.1	3.7 -	Iκb-α RD

FIG. 18B

FIG. 19



G1	50	64	68	64	65
S	34	27	24	26	26
G2/M	16	9	8	10	9

FIG. 20B FIG. 20A -Bax ■ (-)-EGCG □ (+)-EGCG Caspase 3 Activity FIG. 20C 2 0 24 48 72 h 24 48 72 h LNCaP DU-145 **LNCaP DU-145 EGCG** FIG. 20D -PARP -p85/PARP

H<sub>2</sub>O (-)-EGCG (+)-EGCG

Bn-(+)-EGCG (-)-GCG (+)-GCG

FIG. 21A

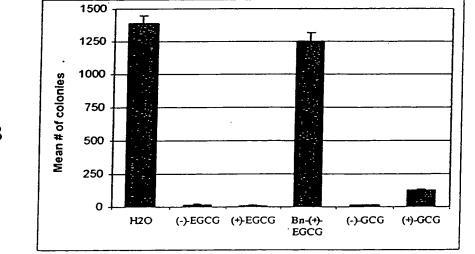
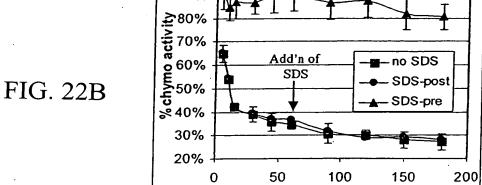


FIG. 21B

100% 75% chymo activity 50% 25% 0% EGCG H20 EGCG EGCG H20

Time (min)

FIG. 22A



100% 90%